440-1170A

TECH SPRAY

MATERIAL SAFETY DATA SHEET Faxback Doc. # 3147

Professional Tape Head Cleaner
44-1170A

Post Office Box 949
Amarillo, TX 79105-0949
Phone: (806) 372-8523
FAX: (806) 372-8750
Toll-Free: (800) 858-4043

Hazardous Description:
Non-Regulated Material
(For Shipping Purposes Only)

Hazard Rating Health: 1 Fire: 0 Reactivity: 1
0-Least 1-Slight 2-Moderate 3-High 4-Extreme

I - HAZARDOUS COMPONENTS

Ingredient	CAS No.	%	Hazard
1,1,2-Trichlorotrifluoroethane (Freon TF)	76-13-1	65	OSHA PEL 1000ppm ACGIH TLV 1000ppm (STEL 1250ppm)
Isopropanol	67-63-0	35	OSHA PEL 1000ppm

II - PHYSICAL DATA

Boiling Point: 47 C 116F
pH: NA
Density: NIF
% Volatile: 100
Solubility in Water: 7.1
% Solids: 0
Vapor Density (Air=1): > 1
Evaporation Rate (H2O=1): NIF
Appearance: Clear water-white mobile liquid with slight ethereal odor.

III - FIRE AND EXPLOSION HAZARD DATA

Flash Point: Greater than boiling point
Explosion Limits
LEL: NA UEL: NA

Extinguishing Media: Water, foam, dry chemical, carbon dioxide.

Special Fire Fighting Procedures:
Fire fighters should wear self contained, positive-pressure breathing apparatus and avoid skin contact.

Unusual Fire and Explosion Hazards:
None

IV - HEALTH HAZARD DATA

Effects of Overexposure

INHALATION: Major route of exposure. Vapor is heavier than air and can cause suffocation by reducing the available oxygen for breathing. Breathing high concentrations of vapor may cause light-headedness, giddiness, shortness of breath, confusion, and may lead to narcosis, cardiac irregularities, unconsciousness or even death.

EYES: Liquid can cause slight, temporary irritation with slight temporary corneal injury. Vapors can irritate eyes.

SKIN: Not a corrosive or irritant; however, repeated or prolonged exposure can cause defatting of skin.

INGESTION: Single dose toxicity is low to moderate. If vomiting occurs the liquid can be aspirated into lungs, which can cause chemical pneumonia and systemic effects. Human psychotropic, gastrointestinal, and central nervous system effects possible.

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Emergency and First Aid Procedures

INHALATION: Remove to fresh air. If breathing has stopped, administer artificial respiration. Seek medical attention.

EYES: Flush eyes for at least fifteen minutes with clear water. If irritation persists, seek medical attention.

SKIN: Wash with soap and water.

INGESTION: DO NOT INDUCE VOMITING! Give 2 glasses of water and immediately seek medical attention.

NOTE: Adrenalin and other similar cardiac stimulants should NOT be used to treat effects of overexposure to this product. See section I.

None of the ingredients in this product are listed on the OSHA, IARC, NTP list of possible carcinogenic, mutagenic, or teratogenic chemicals.

V - REACTIVITY DATA

Stability: STABLE Conditions to Avoid: Contact with open flame, heat

Incompatibility (materials to avoid)

Reactive alkali metals, strong acids & bases.

Hazardous Decomposition Products:

Hydrogen chloride, phosgene, chlorine, carbon dioxide, and carbon monoxide.

Hazardous Polymerization: WILL NOT OCCUR

Conditions to Avoid: None

VI - SPILL OR LEAK PROCEDURES

Evacuate area. Ventilate area well and avoid breathing vapors. Vapor concentration will be highest along floor and in low lying areas. Pick up liquid on suitable absorbent and store in sealed containers.

VII - WASTE DISPOSAL METHODS

Material may be disposed of by a licensed reclaimer or incineration facility. Consult local, state, and federal disposal authorities for approved procedures.

VIII - EMPLOYEE PROTECTION

Respiratory Protection:

Use NIOSH approved organic vapor mask.

Ventilation: Do not use in closed space. Ventilation required.

Hands: Solvent resistant gloves such as Neoprene or PVA.

Eyes: Wear splash proof safety goggles or glasses.

Special Procautions:

Keep this and all chemicals out of reach of children. This product for industrial use only.

IX - OTHER INFORMATION

Prepared By: J. Witcher Date: 07-11-91